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OF THE
AMERICAN GEOGRAPHICAL SOCIETY

JULY 1, 1911

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FELLOWS

Names of Life Fellows are printed in italics

Date of Election.

- 1889 *Abbot, Edwin H.*
 1908 Aberle, Edward.
 1902 Acheson, Edward G.
 1902 Ackerman, Ernest R.
 1892 Adams, Cyrus C.
 1903 *Adams, Edward D.*
 1891 Agar, John G.
 1906 Agassiz, G. R.
 1904 Agens, Frederick G.
 1885 Agnew, Andrew G.
 1909 *Agnew, Cornelius Rea.*
 1909 *Agnew, George B.*
 1898 *Aldrich, Mrs. James Herman.*
 1898 Alexander, Harry, E.E., M.E.
 1888 Alexander, J. F.
 1903 Allen, William Porter.
 1898 *Allin, F. Brevoort.*
 1909 Altschul, Charles.
 1904 Amend, Robert F.
 1883 Ames, Adelbert.
 1897 Anderson, A. J. C.
 1890 *Anderson, Arthur A.*
 1890 Andreini, J. M.
 1906 Andrews, Wm. H.
 1905 *Anthony S. Reed.*
 1909 *Appleton, Francis R.*
 1898 Appleton, Herbert.
 1887 *Archbold, John D.*
 1904 Archer, George A.
 1904 Arend, Francis J.
 1891 Arms, George.
 1906 *Armstrong, Samuel T., M.D.*
 1890 Astor, John J.
 1874 *Astor, William W.*
 1891 Atkinson, John B.
 1883 *Atterbury, J. T.*
 1909 Auchincloss, Samuel Sloan.
 1910 *Avery, Samuel P.*
 1899 *Aycrigg, B. Arthur.*
 1897 Ayer, James C., M.D.
 1882 *Bacon, Francis M.*
 1897 Bacon, Selden.
 1909 *Bailey, Frank.*
 1904 Baker, A. G.

Date of Election.

- 1902 *Baker, B. N.*
 1899 Baker, O. M.
 1900 *Balch, Edwin S.*
 1881 *Baldwin, Edwin.*
 1874 *Baldwin, Townsend B.*
 1899 Baldwin, William D.
 1888 *Bancroft, H. H.*
 1882 *Barger, Samuel F.*
 1889 Baring, Thomas.
 1906 Barkley, Charles B.
 1898 Barnes, Chas. J.
 1874 Barnes, John S.
 1905 *Barney, Edgar S.*
 1882 Barney, N. C.
 1906 Barrett, John.
 1904 Barringer, Daniel Moreau.
 1899 *Bartow, Charles S.*
 1911 Bass, Wm. F.
 1910 *Batchelor, Miss Rosa M.*
 1906 Bayliss, John Y.
 1895 Beal, William R.
 1904 Beaman, George Herbert.
 1904 Beaman, Mrs. Charles C.
 1908 Beck, Fanning C. T.
 1886 Beddall, Edward F.
 1875 Beekman, Gerard.
 1874 Belding, Milo M., Sr.
 1897 Belding, Milo M., Jr.
 1891 Belin, Henry, Jr.
 1900 Bell, Alexander Graham.
 1900 *Bell, Bertrand F.*
 1897 Bell, Dr. RalcY H.
 1905 *Belmont, Perry.*
 1909 Benjamin, Miss Ida.
 1903 *Bennett, Frederick W., C.E.*
 1868 Bennett, James Gordon.
 1906 Bennett, John H.
 1906 Berner, Charles E.
 1908 Bernheimer, Adolph L.
 1903 *Bernheimer, Charles L.*
 1890 Bertschmann, J.
 1886 Berwind, Edward J.
 1910 *Betts, Samuel R.*
 1869 Bickmore, Prof. A. S.

Date of Election.

1897 Chambers, Frank R.
 1906 Champ, Wm. S.
 1890 Chanler, William Astor.
 1905 Channing, J. Parke.
 1897 *Chapin, Chester W.*
 1883 *Chapman, Henry E.*
 1911 Chapman, Robert Hollister.
 1910 Chappell, Howard F.
 1904 Chatfield-Taylor, H. C.
 1886 *Chauncey, Elihu.*
 1911 Chew, Benjamin.
 1906 Chew, Beverly.
 1899 Chisholm, Hugh J.
 1909 Chisolm, B. Ogden.
 1888 Chisolm, George E.
 1906 Choate, Joseph H.
 1897 Church, George H.
 1884 *Claffin, John.*
 1891 Clapp, George H.
 1905 Clark, Alzamora H.
 1908 Clark, Charles A.
 1905 Clark, Frank E.
 1887 Clark, Jefferson.
 1901 Clark, W. A.
 1882 *Clarkson, Banyer.*
 1889 Clausen, George C.
 1907 Cleland, Herdman F.
 1883 Clews, Henry.
 1883 Clyde, William P.
 1890 Cockcroft, Miss Mary T.
 1897 Coffin, C. A.
 1886 Coffin, Edmund.
 1891 Cogswell, W. B.
 1901 Cole, George Watson.
 1910 Collier, Robert J.
 1886 *Colwin, Verplanck.*
 1897 Combe, Mrs. William.
 1897 *Comstock, Frederick H.*
 1889 Comstock, George Carlton.
 1899 Condon, Thomas G.
 1886 Conger, Clarence R.
 1884 *Connor, W. E.*
 1898 Cook, Eugene B.
 1894 Cook, Dr. Frederick A.
 1893 Coolidge, J. Randolph.
 1903 Cornell, Russell R.
 1902 Corning, Christopher R.
 1897 Corning, G. M.
 1905 Corning, Parker.

Date of Election.

1886 Corthell, Elmer L.
 1902 Cotton, Louis K.
 1888 *Coutant, Charles Albert.*
 1905 Coutant, Dr. Richard B.
 1905 Cowee, Harvey D.
 1906 Cowperthwait, Herbert M.
 1899 *Cox, John Lyman.*
 1902 *Coxe, Eckley B., Jr.*
 1889 *Crane, Charles R.*
 1906 Crane, George F.
 1902 *Crane, Zenas.*
 1887 *Cranitch, William I. A.*
 1909 Cravath, Erastus M.
 1905 Crile, George, M.D.
 1888 Crimmins, John D.
 1874 Crosby, J. Schuyler.
 1901 *Crozier, Capt. William.*
 1906 Crozier, Wm. Armstrong.
 1903 Cuntz, J. H.
 1905 Curtis, George Carroll.
 1901 *Curtis, William Edmond.*
 1884 Dalley, Henry.
 1908 d'Altomonte, Baron A. Benedetti.
 1906 Dalton, H. G.
 1871 Daly, Joseph F.
 1895 Daniels, Charles H.
 1892 Daniels, W. L.
 1906 Darlington, Thos., M.D.
 1875 Davies, Julien T.
 1906 Davis, Charles Henry.
 1906 Davis, Daniel A.
 1884 Davis, Howland.
 1877 *Davis, Joseph Beale.*
 1905 *Dean, Mrs. Bashford.*
 1880 *Deane, John H.*
 1909 *de Coppet, Edward J.*
 1901 de Coppet, Henry.
 1910 Deen, Mrs. Emile Andrews.
 1910 De Garmo, Dr. Wm. Burton.
 1895 De Kalb, Courtenay.
 1900 *Delafield, Albert.*
 1874 Delafield, Maturin L.
 1909 *Delano, Warren, Jr.*
 1911 Dellenbaugh, Fred'k S.
 1890 Dellinger, Charles F.
 1906 Denholm, Wm. J.
 1901 Dennis, Rev. James S.
 1899 Dennis, John B.
 1905 *de Peyster, Frederic Ashton.*

Date of Election.

1910 Dexter, George B.
 1904 Dey, Anthony.
 1903 Dick, Evans R.
 1894 Dieterich, Charles F.
 1897 Dillingham, Edwin R.
 1905 Dimmick, J. Benjamin.
 1905 Dimock, George E.
 1904 Dix, Samuel M.
 1881 *Docharty, Augustus T.*
 1897 Dodge, Rev. D. Stuart.
 1903 Dodge, Gen. Grenville M.
 1896 Dodge, Richard E.
 1893 Dodson, Robert Bowman.
 1875 Dommerich, L. F.
 1889 *Donald, Peter.*
 1899 Doremus, Robert P.
 1897 Doughty, Mrs. Alla.
 1884 *Douglas, James.*
 1903 Douglass, R. D.
 1905 *Dowling, Robt. E.*
 1910 Drayton, J. Coleman.
 1888 *Drexel, Mrs. Joseph W.*
 1880 Du Bois, Frederick N.
 1874 *Du Bois, William A.*
 1898 Dunham, Edward K., M.D.
 1897 Dunnell, William N., D.D.
 1905 Dunning, Clement S.
 1911 Dunning, Wm. B.
 1906 Du Pont, Alexis I.
 1889 Du Pont, Col. H. A.
 1909 du Pont, P. S.
 1901 *Durand, John S.*
 1889 Durkee, Eugene W.
 1894 Duvall, William C.
 1889 Dwight, Jonathan, Jr., M.D.
 1909 Dyer, Frank L.
 1886 *Easton, Robert T. B.*
 1905 Eaton, Charles Edwin.
 1910 Eaton, Fred'k H.
 1902 Eberstadt, Edward F.
 1905 *Eckert, Thomas T., Jr.*
 1906 Eddy, Spencer.
 1882 Edwards, J. Pierrepont.
 1887 Egleston, Melville.
 1897 Eimer, August.
 1901 *Eldert, Cornelius.*
 1901 *Eldridge, Lewis A.*
 1879 *Elliott, Samuel.*
 1886 Ellis, George W.

Date of Election.

1882 *Ellis, Wilbur Dixon.*
 1903 Ellis, William H.
 1882 *Emerson, John W.*
 1909 Emmet, C. Temple.
 1904 Emmons, Arthur B.
 1903 Endicott, William C.
 1883 Eno, Amos F.
 1906 Entz, George Gilbert.
 1903 Eskesen, Eckhardt V.
 1906 Estabrook, A. F.
 1891 Eustis, W. E. C.
 1909 *Evarts, Allen W.*
 1906 Evers, Cecil C.
 1909 Fabbri, Alessandro.
 1905 Fahs, Charles H.
 1882 Fairbanks, Leland.
 1890 Fairchild, Chas. S.
 1892 Fairchild, Samuel W.
 1902 Fairleigh, David W.
 1875 Fargo, James C.
 1905 *Farish, John B.*
 1906 Farnham, Paulding.
 1901 *Farnsworth, William.*
 1874 Farragut, Loyall.
 1890 *Fearing, Daniel B.*
 1909 *Fearing, George R.*
 1898 Fearons, Geo. H.
 1898 *Ferguson, Henry.*
 1888 *Ferguson, Walton.*
 1906 Ferry, Mansfield.
 1910 Findley, S. Emerson.
 1904 Fish, Charles Henry.
 1908 Fisk, Arthur Lyman, M.D.
 1902 Fisk, Pliny.
 1886 *Flagler, H. M.*
 1907 Fleischmann, Max C.
 1889 Flint, Chas. R.
 1901 *Flower, Frederick S.*
 1906 Floyd-Jones, G. Stanton.
 1875 Folsom, George W.
 1875 *Ford, James B.*
 1909 Fortescue, Granville R.
 1910 Foshay, P. Maxwell, M.D.
 1901 Fowler, Jonathan Odell, Jr.
 1906 *Fowler, Thomas Powell.*
 1874 *Fox, Austen G.*
 1909 Frank, Felix.
 1884 Frazer, Alfred.
 1873 Freedman, John J.

Date of Election.

- 1889 Freeland, Theodore H.
 1909 *Frick, Childs.*
 1894 Frick, John.
 1902 Frissell, A. S.
 1906 Frye, Jed.
 1875 Fuller, Charles D.
 1903 *Gaff, Thomas T.*
 1889 *Gage, E. B.*
 1905 Gaines, David H.
 1886 Gallatin, Frederic.
 1904 *Gammell, William.*
 1904 Garrett, Robert.
 1907 Gartland, George E.
 1897 Garver, John A.
 1903 *Gates, Isaac E.*
 1910 Gates, Rev. Milo Hudson.
 1891 Gay, Edward.
 1879 Gay, Joseph E.
 1905 Geer, Robert C.
 1906 Geil, Wm. Edgar, Litt.D., LL.D.
 1868 *Gerry, Elbridge T.*
 1903 Gibney, John R.
 1909 Giddings, Franklin H.
 1906 Gielow, Henry J.
 1901 *Gilbert, Clinton.*
 1889 Gilbert, G. K.
 1893 *Gilbert, J. H. Grenville.*
 1910 Gilfedder, T. P.
 1909 Goddard, Conrad G.
 1909 *Goelet, Robert.*
 1897 Golding, John Noble.
 1910 Goldman, Henry.
 1905 Goldsborough, John Byron.
 1904 *Goodhart, Philip J.*
 1898 *Goodnow, Harold P.*
 1900 Goodridge, F. G., M.D.
 1886 *Goodwin, James J.*
 1887 Gould, George J.
 1905 Granbery, Julien Hastings.
 1906 Grant, Jesse R.
 1905 Grant, Madison.
 1904 *Graves, George Coe.*
 1895 Greeff, Ernest F.
 1906 Green, Francis C.
 1901 Green, Pinckney F.
 1883 *Greenough, John.*
 1856 Greenwood, Isaac J.
 1892 Greenwood, Langdon.
 1909 Griffin, Francis B.

Date of Election.

- 1909 Grinnell, George Bird.
 1897 Gruber, Abraham.
 1903 Guggenheim, Simon.
 1909 Guiteras, Ramon.
 1904 *Gunther, Bernard G.*
 1886 *Gunther, Franklin L.*
 1891 Haas, Kalman.
 1906 *Hadden, John A., Jr.*
 1874 *Haines, John P.*
 1906 Hall, Harry Alvan.
 1903 Hamilton, Edmond H.
 1879 Hamilton, William Gaston.
 1905 Hammond, John Henry.
 1909 Hanna, Charles A.
 1904 Hansmann, Carl A.
 1888 Harbeck, Charles T.
 1888 Hard, Anson W.
 1905 Hardenbergh, William P.
 1901 Hardie, Wainwright.
 1900 Harding, Edward.
 1900 Hardley, J. Wheeler.
 1909 *Harkness, Charles W.*
 1911 Harris, W. R.
 1906 Hart, Richard P.
 1897 Hart, Walter T.
 1905 Hartzell, J. Culver.
 1904 *Haupt, Louis, M.D.*
 1905 Havemeyer, H. O.
 1859 *Havemeyer, John C.*
 1902 *Havemeyer, William F.*
 1894 Haven, J. Woodward.
 1909 Hawxhurst, Robert, Jr.
 1909 Hayes, S. W.
 1889 Haynes, Henry W.
 1891 Hazard, Frederick R.
 1897 *Hearn, George A.*
 1883 *Hebert, Henry B.*
 1902 Hedge, Frederic H.
 1903 Heimann, Julius.
 1901 Hentz, Henry.
 1899 *Herbert, John W.*
 1909 Herbert, William.
 1903 Herrmann, Nathan.
 1900 Herzog, F. Benedict, Ph.D.
 1904 *Hess, Selmar.*
 1904 *Heurich, C.*
 1903 *Hewitt, Peter Cooper.*
 1900 Hewlett, Walter Jones.
 1901 Heydt, Herman A.

Date of Election.

1910 *Hyde, Henry St. John.*
1901 *Hyde, James H.*
1905 Iddings, Andrew S.
1905 Iddings, Daniel W.
1899 Insull, Samuel.
1909 Irving, Cortlandt.
1890 Irving, Walter.
1874 Iselin, Adrian, Jr.
1887 *Isham, Charles.*
1881 *Ives, Brayton.*
1903 Jackson, A. Wendell.
1886 *Jackson, Rev. Samuel M.*
1897 Jackson, Theodore F.
1886 Jacobi, Abraham, M.D.
1891 Jaffray, Robert.
1894 James, Arthur Curtiss.
1911 James, Norman.
1890 James, Walter B., M.D.
1891 Jaques, W. H.
1906 Jarves, Deming.
1903 Jarvie, James N.
1879 Jay, William.
1893 Jenkins, Michael.
1895 Jennings, Oliver G.
1911 *Jennings, Walter.*
1902 Jessup, Henry W.
1880 *Jewett, George L.*
1906 *Jewett, W. K.*
1881 Johnson, Bradish.
1901 Johnson, Edward C.
1906 *Jones, Charles Landon.*
1906 Jones, Dwight A.
1888 *Jones, Oliver L.*
1909 Judson, Henry I.
1885 Juilliard, A. D.
1901 Julian-James, Mrs. Cassie.
1904 Jungmann, J., M.D.
1906 Junkin, J. de F., Jr.
1898 Kahn, O. H.
1909 Kammerer, Robert C.
1881 *Kane, Grenville.*
1893 *Kane, Henry Brevoort.*
1895 *Kean, Hamilton Fish.*
1908 Keck, Thomas A.
1880 *Keene, James R.*
1888 Kellogg, Charles.
1897 Kemmerer, M. S.
1903 Kemper, James Furman.
1873 *Kennan, George.*

Date of Election.

- 1901 Kennedy, E. G.
 1901 *Kennedy, George G., M.D.*
 1888 Kennedy, H. Van Rensselaer.
 1904 Kenyon, Robert N.
 1906 Kenyon, Wm. Houston.
 1885 *Keppler, Rudolph.*
 1903 Kerr, John B.
 1883 Kerr, Walter.
 1909 Keyes, William F.
 1886 *Kidder, Camillus G.*
 1904 Kidder, Edward H.
 1897 Kimball, Alfred R.
 1883 King, D. H., Jr.
 1882 *King, George Gordon.*
 1892 King, John Hurtin.
 1904 King, W. Nephew.
 1901 Kirby, Thomas E.
 1881 Kirsch, Louis.
 1906 Kittredge, Geo. L.
 1911 Klein, S. R., M.D.
 1887 *Knight, George T.*
 1901 Kohlman, Charles.
 1897 Kohn, S. H.
 1901 Kohnstamm, Emil V.
 1906 *Kuhn, August.*
 1909 *Kunhardt, Henry Rudolph 3d.*
 1905 La F  tra, Linn  us Edford, M.D.
 1910 Lampland, Carl Otto.
 1909 Landers, George M.
 1895 Landon, Francis G.
 1898 Lane, Wolcott G.
 1882 Langdon, Woodbury.
 1881 *Langdon, Woodbury G.*
 1882 Lapham, Lewis H.
 1904 *Laughlin, George M.*
 1909 Lawrence, Emlen N.
 1910 Lawrence, Enoch P., M.D.
 1902 Lawrence, John Burling.
 1904 Lawrence, W. B.
 1909 Lawrence, William W.
 1903 Lawson Victor F.
 1906 Lawton, James M.
 1909 Leask, George.
 1886 *Leete, Charles H.*
 1906 *Leffingwell, Rev. C. W., D.D.*
 1903 Lehmaier, James M.
 1909 Leland, Charles H.
 1905 Lemon, Dr. J. S.
 1909 Le Roy, Edward A., Jr.

Date of Election.

- 1903 Leshner, Arthur L.
 1901 *Leuppp, William H.*
 1902 Leverich, S. Duncan.
 1904 Levi, Emil S.
 1896 *Lewis, Clarence McK.*
 1881 *Libbey, William.*
 1903 Lincoln, Lowell.
 1902 Linderman, Garrett B.
 1905 Lindsey, Edward.
 1899 *Lippincott, Henry H.*
 1903 Lisman, Frederick J.
 1910 Littell, John MacGregor.
 1881 *Little, Joseph J.*
 1897 *Livingston, Goodhue.*
 1897 Lobenstine, William C.
 1909 Locatelli, E. H.
 1909 Locke, Jesse Albert.
 1904 Lodge, Henry Cabot.
 1900 *Loeb, Morris.*
 1891 Loewy, Benno.
 1906 Loines, Stephen.
 1903 *Lorillard, Pierre.*
 1878 *Loubat, J. F., LL.D.*
 1908 Loughran, Dr. Robert L.
 1883 Lounsbery, R. P.
 1876 *Low, A. Augustus.*
 1875 *Low, Seth, LL.D.*
 1903 *Low, Willam G.*
 1905 *Lowell, Percival.*
 1909 Lybrand, William M.
 1889 Lydig, David.
 1900 Lyman, Frank.
 1888 *Lynch, James D.*
 1906 Lyon, David H.
 1895 *McCord, William H.*
 1887 McCready, N. L.
 1909 McCurdy, Robert H.
 1906 McDonald, William.
 1903 McDougall, Walter.
 1907 McDowall, Walter R.
 1901 *McFarlane, C. T.*
 1888 McKeever, J. Lawrence.
 1898 McLean, Donald.
 1904 *McMillan, William Northrup.*
 1895 McMillin, Emerson.
 1903 McWilliams, Daniel W.
 1903 Maas, Gustavus.
 1905 Macdonald, Benjamin J.
 1909 MacDougal, D. T.

Date of Election.

1905 MacDougall, George R.
 1903 Mackay, Clarence H.
 1883 Mackay, Donald.
 1884 MacKellar, William.
 1890 Mackey, Charles W.
 1898 MacKie, Charles Paul.
 1901 Macy, George H.
 1901 Macy, V. Everit.
 1904 Mager, F. Robert.
 1899 Mahl, William.
 1903 Mann, William D'Alton.
 1905 Manning, Charles H., U.S.N.
 1874 Marble, Manton.
 1904 Marcou, John B.
 1895 Marcus, George E.
 1909 Markle, George B.
 1909 Marling, Alfred E.
 1888 Marquand, Henry.
 1898 Marsh, Joseph A.
 1901 Marshall, Charles H.
 1897 Marshall, Louis.
 1898 Marston, Edwin S.
 1875 Martin, Bradley.
 1910 Martin, Bradley, Jr.
 1911 Martin, Fred. Townsend.
 1911 Martin, Howard Townsend.
 1888 Martin, Oswald J.
 1910 Martin, Newell.
 1910 Martin, Dr. Winfred R.
 1909 Marwick, James.
 1888 Mason, Alexander T.
 1901 Mather, Samuel.
 1901 Matthews, Albert.
 1903 Maxwell, Francis Taylor.
 1901 Maxwell, Robert.
 1906 Maxwell, Wm.
 1905 Meeker, Stephen J.
 1891 Meeks, Edwin B.
 1909 Melcher, John S.
 1902 Mellen, Charles S.
 1911 Meredith, Rev. Fred. Charles.
 1904 Meredith, William T.
 1909 Meyer, Eugene, Jr.
 1901 Meyer, Harry H.
 1910 Middlebrook, George H.
 1897 Millar, George W.
 1909 Miller, Francis Trevelyan.
 1901 Miller, Dr. George N.
 1892 Mills, A. G.

Date of Election.

1911 Mitchell, Albert M. Post.
 1909 Mitchell, Edward P.
 1905 Mixer, Frederick K.
 1909 Moffat, R. Burnham.
 1905 Mohr, Louis.
 1902 Monks, John, Jr.
 1909 Monsen, Frederick I.
 1890 Montant, Alphonse.
 1909 Montgomery, William S.
 1906 Moore, C. Arthur, Jr.
 1906 Moore, Henry Du Bois Bailey.
 1904 Moore, John Bassett.
 1884 Moore, Joseph, Jr.
 1910 More, Taylor.
 1883 Morgan, E. D.
 1906 Morgan, Frederick G.
 1874 Morgan, J. Pierpont.
 1901 Morgan, J. P., Jr.
 1887 Morgan, William Fellows.
 1889 Morgan, William H.
 1906 Morrell, Joseph B.
 1910 Morris, Dave H.
 1874 Morris, Henry Lewis.
 1897 Morris, Mrs. Lewis G.
 1906 Morris, Lewis R., M.D.
 1898 Morris, Newbold.
 1902 Mortimer, Rev. Dr. Alfred G.
 1908 Mortimer, Edmund.
 1907 Mortimer, Richard.
 1864 Morton, Levi P.
 1909 Morton, Quincy L.
 1910 Mosonyi, Emil.
 1906 Mullins, Edwin Stanton.
 1909 Munsey, Frank A.
 1909 Murphy, Franklin, Jr.
 1904 Myers, Joseph G.
 1888 Myers, Theodore W.
 1901 Neeser, John G.
 1909 Neill, Robert L.
 1909 Neilson, Henry A.
 1910 Neilson, John.
 1905 Nelsen, Dr. Wolfred.
 1910 Nesbitt, Abram G.
 1891 Neukirch, Chas.
 1910 Nevin, Miss Blanche.
 1899 Newbold, Clement Buckley.
 1897 Newell, Frederick Haynes.
 1899 Newton, James S.
 1897 Nixon, Lewis.

Date of Election.

1908 North, Arthur Walbridge.
 1897 Notman, George.
 1906 Oakes, Charles.
 1888 *Oakes, T. F.*
 1898 Obermeyer, Joseph.
 1879 *O'Brien, Thomas S.*
 1910 Ochs, Adolph S.
 1875 *O'Connor, Thomas H.*
 1879 O'Gorman, Richard.
 1909 Olcott, Dudley.
 1901 O'Leary, H. A.
 1909 Oliver, French E. D.D.
 1910 Olsson-Seffer, Pehr., Ph.D.
 1905 *Olyphant, Robert.*
 1874 Olyphant, Robert M.
 1875 *Opdyke, William S.*
 1893 Operti, Albert.
 1882 Oppenheim, Edward L.
 1889 Orr, Alexander E.
 1901 *Orvis, Charles E.*
 1909 *Osborn, Henry Fairfield.*
 1905 *Osborn, William Church.*
 1910 Osborne, Thomas M.
 1901 Outerbridge, Dr. Paul.
 1896 Owen, James, C.E.
 1895 *Owen, Miss Luella A.*
 1905 *Packard, Ralph G., Jr.*
 1898 *Paget, Almeric H.*
 1909 Palmer, Frederick.
 1889 Palmer, Stephen S.
 1911 Pam, Max.
 1899 *Parish, Edward C.*
 1872 *Parish, Henry.*
 1905 Parish, Henry, Jr.
 1905 *Parker, Herschel C.*
 1902 *Parker, James H.*
 1905 Parks, C. W., C.E., U.S.N.
 1886 Parris, Edward L.
 1882 *Parrish, James C.*
 1909 Parsons, Charles W.
 1882 *Parsons, Mrs. Edwin.*
 1905 Parsons, Herbert.
 1882 Parsons, John E.
 1910 Partridge, George H.
 1902 Paton, David.
 1897 *Paton, William Agnew.*
 1909 Patten, William.
 1907 Peabody, Charles A.
 1909 Peabody, George Foster.

Date of Election.

1889 Peck, Charles E.
 1898 *Pell, Frederick A.*
 1906 *Pell, Howland Haggerty.*
 1901 Pell, Stephen H. P.
 1910 Penfield, Frederic Courtland.
 1874 Penfold, William Hall.
 1906 *Penniman, James H.*
 1898 Pennington, William.
 1890 *Perkins, William H.*
 1908 Perry, Rufus Lewis.
 1888 Perry, William A.
 1891 Peters, Edward McClure.
 1887 Peters, Samuel T.
 1903 *Peters, William Richmond.*
 1909 Pfeiffer, Curt G.
 1906 Phelps, Dr. Gouverneur Morris.
 1901 *Phelps, John J.*
 1902 *Phipps, Lawrence C.*
 1887 *Phoenix, Lloyd.*
 1886 *Phoenix, Phillips.*
 1889 *Pickering, Edward C.*
 1905 Pickett, William Douglas.
 1895 Pickhardt, Carl.
 1902 Pierce, Henry Clay.
 1906 *Pierrepoint, R. Stuyvesant.*
 1898 Piorkowski, Major A. E.
 1885 *Planten, John R.*
 1893 *Platt, J. D.*
 1906 Platt, Lewis A.
 1905 Plimpton, Dr. Warren O.
 1890 *Plumb, Edward L.*
 1884 *Plush, Dr. Samuel M.*
 1906 Poe, I. N.
 1906 Poor, Henry V.
 1911 Poor, Ruel W.
 1891 *Porter, Henry Kirke.*
 1897 Porter, William H.
 1909 *Porter, William L.*
 1905 *Post, Abram S.*
 1884 Post, George B.
 1885 *Post, William Henry.*
 1890 Potter, Edward Clarkson.
 1898 Potter, Frederick.
 1901 *Potts, Jesse W.*
 1903 *Potts, Thomas.*
 1880 Powell, Wilson M.
 1910 Power, John A.
 1897 Prentiss, George Lewis.
 1909 Prunyn, Frederic.

Date of Election.

1886 Preyer, Charles.
 1901 Purdy, J. Harsen.
 1905 Putnam, Henry St. Clair.
 1903 Pyle, James Tolman.
 1894 Pyne, M. Taylor.
 1898 Pyne, Percy R.
 1906 Queen, Emmet.
 1908 Radford, Harry, V. M. Sc., C.E.
 1911 Rainey, Paul J.
 1903 Randolph, Evan.
 1906 Randolph, Stewart F.
 1868 Raven, Anton A.
 1905 Raven, John Howard, D.D.
 1898 Rawson, Edward Stephen.
 1890 Raymond, Charles H.
 1886 Raymond, R. W.
 1902 Rea, Samuel.
 1901 Rea, Thomas B.
 1902 Ream, Norman B.
 1905 Reckefus, Charles V., Jr., M.D.
 1898 Redding, Joseph D.
 1903 Reed, Charles.
 1911 Reid, Wallace.
 1874 Reid, Whitelaw.
 1911 Remsen, Charles.
 1888 Renwick, Edward S.
 1874 Reynes, Jaime.
 1903 Reynolds, James B.
 1882 Rhineland, Charles E.
 1909 Rhineland, Rev. Philip M.
 1898 Rhineland, Miss Serena.
 1886 Rice, Isaac L.
 1903 Richard, Edward A.
 1901 Riker, Samuel.
 1874 Riker, William J.
 1901 Rives, George Barclay.
 1872 Robbins, Chandler.
 1891 Robbins, Miss Harriet L.
 1901 Robertson, Julius.
 1907 Robinson, Dr. E. S.
 1901 Robinson, Nelson.
 1888 Robinson, William Moore.
 1908 Rockwood, Charles G. Jr., Ph.D.
 1903 Roe, Albert S.
 1890 Roe, Major-Gen. Charles F.
 1889 Roelker, Alfred.
 1906 Rogers, Abbott S.
 1887 Rogers, Archibald.
 1905 Rogers, Edward L.

Date of Election.

1903 Rogers, Robert.
 1896 Roncière, St. Croix de la.
 1905 Roosevelt, Franklin Delano.
 1868 Rose, Cornelius.
 1903 Ross, Morgan R.
 1911 Runyon, Walter Clark.
 1905 Ruprecht, Philip.
 1910 Rusch, Adolph, Jr.
 1897 Rusch, Henry A.
 1899 Russak, Frank.
 1874 Russell, Archibald D.
 1889 Ryan, Thos. F.
 1906 Sachs, Arthur.
 1906 Sachs, Paul J.
 1905 Sachs, Samuel.
 1909 Safe, Thomas Shaw.
 1898 Salomon, William.
 1911 Saltus, J. Sanford.
 1901 Sampson, Alden.
 1904 Sampson, Charles E.
 1910 Sanderson, Edwin N.
 1875 Sandford, Elliott.
 1895 Sands, Robert C.
 1908 San Marzano, Robert Asinari de.
 1886 Satterlee, F. LeRoy, M.D.
 1903 Satterlee, Herbert L.
 1904 Saul, Charles R.
 1870 Schafer, Samuel M.
 1911 Scheffel, Edwin K.
 1874 Schermerhorn F. Augustus.
 1890 Schernikow, Ernest.
 1911 Scheffelin, Schuyler.
 1875 Shiff, Jacob H.
 1902 Shiff, Mortimer L.
 1903 Schirmer, Rudolph E.
 1885 Schmelzel, William R.
 1901 Schmid, Dr. H. Ernest.
 1905 Schott, Charles M., Jr.
 1888 Schultze, John S.
 1882 Schuyler, Spencer D.
 1902 Schwab, Charles M.
 1883 Scott, Rufus L.
 1911 Scoville, Robert.
 1906 Scribner, Charles.
 1895 Scudder, Moses L.
 1905 Scull, Harry.
 1909 Seabury, Charles B.
 1909 Seaman, Louis Livingston, M.D.
 1901 Seligman, Isaac N.

Date of Election.

1909 *Seligman, Jefferson.*
 1887 *Sellew, T. G.*
 1903 *Sells, Elijah W.*
 1902 *Seward, Frederick W.*
 1898 *Seward, Gen. William H.*
 1893 *Sexton, Edward Bailey.*
 1909 *Seymour, Morris W.*
 1905 *Shailer, William Griggs.*
 1871 *Shaler, Major-Gen. Alexander.*
 1897 *Shardlow, Joseph.*
 1903 *Shaughnessy, Sir Thomas G.*
 1893 *Shaw, Charles A.*
 1910 *Shaw, Louis Agassiz.*
 1906 *Shaw, Walter W.*
 1897 *Sheehy, W. H.*
 1905 *Sheffield, George St. John.*
 1888 *Sheldon, Edwin B.*
 1888 *Sherman, Charles A.*
 1886 *Sherman, George.*
 1865 *Sherman, W. Watts.*
 1898 *Shillaber, William, Jr.*
 1876 *Sibley, Hiram W.*
 1903 *Siegel, Henry.*
 1903 *Siegel, Jacob.*
 1903 *Simpson, Ernest L.*
 1911 *Simpson, John Boulton.*
 1910 *Sinclair, Henry A.*
 1906 *Slater, James.*
 1910 *Sloan, Benson B.*
 1910 *Sloan, Samuel.*
 1910 *Sloan, William S.*
 1899 *Smiley, Albert K.*
 1901 *Smilie, Charles F.*
 1893 *Smith, Benjamin E.*
 1890 *Smith, Sir Donald A.*
 1902 *Smith, Dr. E. Fayette.*
 1879 *Smith, E. Reuel.*
 1906 *Smith, George H.*
 1887 *Smith, Nathaniel S.*
 1901 *Smith, Ormond G.*
 1889 *Smith, Philip Sherwood.*
 1910 *Smith, Pierre J.*
 1890 *Snow, Elbridge G.*
 1903 *Snow, Fred W.*
 1909 *Solari, Luigi.*
 1911 *Souther, Charles Edward.*
 1880 *Southwick, Henry K.*
 1906 *Spangler, Harry A., M.D.*
 1883 *Spence, Lewis H.*

Date of Election.

1905 *Spencer, Edwards.*
 1905 *Spencer, Henry B.*
 1911 *Spencer, Lorillard.*
 1906 *Speranza, Gino C.*
 1905 *Speyer, James.*
 1911 *Spingarn, Joel E.*
 1856 *Spofford, Paul N.*
 1910 *Spottiswood-Mackin, Countess.*
 1909 *Spring, Miss Anna Riker.*
 1904 *Squires, Grant.*
 1897 *Standish, Miles.*
 1905 *Stanton, Robert Brewster.*
 1910 *Staples, C. Bayard.*
 1909 *Steese, James Gordon.*
 1907 *Stefánsson, V.*
 1911 *Stein, Enrico N.*
 1903 *Steinway, Frederick T.*
 1904 *Sterry, John DeWitt.*
 1879 *Stetson, Francis Lynde.*
 1887 *Stetson, George W.*
 1910 *Stetson, John B., Jr.*
 1911 *Stevens, Alexander H.*
 1906 *Stevens, Arthur W.*
 1879 *Stevens, Frederic W.*
 1901 *Stevenson, Edward Luther, Ph.D.*
 1905 *Stewart, John H. J.*
 1887 *Stewart, Lisenard.*
 1878 *Stewart, William Rhineland.*
 1901 *Stickney, Charles D.*
 1905 *Stillwell, Arthur E.*
 1905 *Stillwell, Louis Buckley.*
 1897 *Stine, Marcus.*
 1904 *Stokes, Anson Phelps.*
 1892 *Stokes, I. N. Phelps.*
 1911 *Stokes, J. G. Phelps.*
 1884 *Stokes, James.*
 1889 *Straus, Isidor.*
 1903 *Strauss, Frederick.*
 1906 *Strong, Charles Hamot.*
 1904 *Strong, George A.*
 1904 *Stuck, Rev. Hudson.*
 1873 *Sturges, Frederick.*
 1875 *Sturges, Henry C.*
 1906 *Sturges, Rush.*
 1873 *Sturgis, Frank K.*
 1901 *Sturgis, Thomas.*
 1891 *Suckley, Robert B.*
 1887 *Sutton, J. Ford, D.D.*
 1903 *Sutton, James F.*

Date of Election.

1893 Swayne, Francis B.
 1906 Sweet, Henry N.
 1905 Swords, Henry C.
 1882 *Tailer, Edward N.*
 1906 *Talbot, Fritz B., M.D.*
 1877 *Talcott, James.*
 1889 Tatham, Charles.
 1902 Taylor, Charles H., Jr.
 1868 Taylor, Douglas.
 1906 Taylor, Ellsworth M.
 1906 Taylor, Frank B.
 1895 Taylor, George.
 1903 Taylor, Henry R.
 1901 Taylor, Walter C.
 1882 *Terry, John T.*
 1876 *Terry, Rev. Roderick.*
 1911 Thain, Charles C.
 1883 Thalmann, Ernest.
 1891 Thaw, Benjamin
 1905 *Thebaud, Paul G.*
 1905 *Thomas, William S., M.D.*
 1898 Thompson, D. W.
 1904 *Thompson, Mrs. Frederick F.*
 1901 *Thompson, Lewis S.*
 1911 *Thompson, Robert M.*
 1898 Thompson, Walter.
 1902 *Thomson, Elihu.*
 1886 Thorne, Jonathan.
 1890 Thorne, Samuel.
 1911 Thorne, Samuel, Jr.
 1891 *Tobey, Gerard C.*
 1911 Tobey, Orville H.
 1906 Townsend, Edwin S.
 1900 Tracy, J. Evarts.
 1911 *Tuck, Edward.*
 1899 *Tucker, George F.*
 1901 *Tuckerman, Alfred.*
 1908 Tuckerman, Bayard.
 1901 Tuckerman, Paul.
 1900 Turnure, George E.
 1909 Tweed, Charles H.
 1911 *Udall, John Clark.*
 1905 Uhle, John B.
 1905 Ulich, H. P.
 1891 Ullmann, Emanuel S.
 1891 Ullmann, Ludwig.
 1897 *Underhill, Eugene.*
 1910 Vail, Theodore N.
 1906 *Vaile, Joel F.*

Date of Election.

1887 *Van Alen, J. J.*
 1897 Van Antwerp, William C.
 1908 Van Boskerick, Miss Lizzie.
 1907 Van Cortlandt, Robert B.
 1889 *Vanderbilt, George W.*
 1878 *Vanderbilt, William K.*
 1906 Van Dusen, Dr. James Wallace.
 1910 Van Gerbig, Barend.
 1902 *Van Rensselaer, A.*
 1905 Van Sinderen, Howard.
 1887 *Van Slyck, George W.*
 1891 *Van Winkle, Edgar B.*
 1906 Veeder, Curtis H.
 1903 Veit, Richard C.
 1900 *Vetter, Dr. Charles.*
 1909 Viquez, Cleto Gonzalez.
 1901 von Briesen, Arthur.
 1875 *von Post, Herman C.*
 1903 von Schmid, J. O.
 1907 Wack, Henry Wellington.
 1890 *Wadsworth, Herbert.*
 1898 *Wadsworth, Wm. Austin.*
 1898 Wait, William B.
 1908 Walker, Amasa.
 1900 Walker, Henry Freeman, M.D.
 1905 Wallace, Dillon.
 1898 Warburg, Felix M.
 1911 *Warburg, Paul M.*
 1905 Ward, John Gilbert.
 1911 Warner, George H.
 1895 Warren, William R.
 1909 Wasson, Rev. Dr. James B.
 1889 Waterbury, John I.
 1911 *Waterman, Frank D.*
 1898 *Watkinson, George.*
 1884 *Watson, George H.*
 1876 Wedemeyer, A. J. D.
 1911 *Weekes, F. Delano.*
 1900 *Wehrhane, Charles.*
 1903 *Weir, Col. John.*
 1895 Wells, Charles W.
 1905 *Wells, Mrs. John.*
 1905 Wells, T. Tileston.
 1907 Wentz, Theodore.
 1910 Wemyss, Miss Henrietta C.
 1898 Weston, Edward, Sc.D., LL.D.
 1906 Weston, Frederick W.
 1888 Wetmore, Edmund.
 1874 *Wetmore, George P.*

Date of Election.

1901 *Wetmore, W. S. K.*
 1872 *Wetmore, William Boerum.*
 1905 Wheeler, John Davenport.
 1906 Wheeler, Samuel H.
 1907 Whinery, Charles C.
 1905 Whitaker, John E.
 1887 White, Alfred T.
 1887 *White, Henry.*
 1887 *White, J. LeRoy.*
 1886 *White, S. V.*
 1887 White, William Augustus.
 1905 White, William H.
 1901 Whitehouse, William FitzHugh.
 1891 Whitney, Milton B.
 1902 *Whitney, W. Beaumont.*
 1908 Wickersham, George W.
 1901 *Willets, Howard.*
 1900 Willets, John T.
 1882 *Williams, David.*
 1902 *Williams, John Skelton.*
 1911 Williams, Dr. M. B.
 1906 *Williams, Richard H.*
 1901 *Williams, Timothy S.*
 1893 Wills, Charles T.
 1903 Wilson, Henry R.

Date of Election.

1870 *Wilson, Gen. James Grant.*
 1909 Wilson, M. Orme.
 1875 Winslow, Gen. Edward F.
 1901 Winslow, John Flack.
 1902 Winter, Emil.
 1900 *Winthrop, Grenville L.*
 1888 Witherbee, Frank S.
 1891 Wolcott, Henry Roger.
 1897 Wolff, Emil.
 1909 Wolff, M. A.
 1905 Wood, Henry A. Wise.
 1903 Wood, Henry R.
 1911 Wood, William C.
 1898 Woods, Edward A.
 1906 Worrall, Charles Addams.
 1904 Wright, J. Dunbar.
 1886 Wright, William Phillips.
 1907 Wunderlich, Frederick W., M.D.
 1902 *Wyckoff, Clarence F.*
 1902 *Wyckoff, Edward G.*
 1901 Wyckoff, William F.
 1905 Yeisley, George C., D.D.
 1884 *Zabriskie, Andrew C.*
 1898 Zaring, Charles W.
 1905 Zickel, S.

GEOGRAPHICAL RECORD

AMERICA

NEW MONTHLY CLOUDINESS CHARTS FOR THE UNITED STATES. In 1891 Gen. A. W. Greely, Chief Signal Officer of the Army, published the first set of monthly cloudiness charts for the United States (Washington, D. C., fol. 1891). The longest period for which data were then available was 18 years (1871-1888), and many stations had records for shorter periods, some for less than 5 years. In the "Report of the Chief of the Weather Bureau for 1896-97" there was later published a mean annual cloudiness chart on the basis of more data and of longer records. Mr. Kenneth McR. Clark, a student of Harvard University, has now constructed a new set of cloudiness charts (monthly and annual), which are reproduced, with a brief discussion, in the *Quarterly Journal* of the Royal Meteorological Society for April, 1911. Data for 77 stations have been used, at which averages are based on periods of 30 years or more. There were also 31 stations with periods of less than 10 years, and 15 with 5 years or less. The short-period stations were given less weight than the longer-period stations; some stations were omitted because of local topographical influences upon their cloudiness, and some long-period stations were given less weight when their data differed considerably from those of surrounding stations.

The most marked features appear over the Pacific Coast and the Great Lakes.